



Dart Aerospace Ltd.  
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Canada

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**RBW5605G00132-3G**

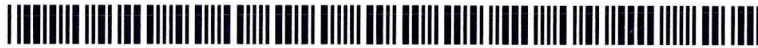
**Job Sheet 190230**



**Part No:** RBW5605G00132-3G

**Job Qty:** 1 pcs

**Part Name:** Tool, Windows Installation



**Part Weight:** 0 lbs

**Status:** Scheduled

**Priority:** Medium

**Job Created:** 2/6/19

**Job Tracking No:** SIOP

**Due Date:** 3/15/19

**Created By:** Dara Macdonald

**Type:** Stock

**Description:**

**Note:** DWG RBW5605G00132-3G Rev 2 IPP Rev A 18.03.23 New issue DP Verify DD

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation                   | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off          |
|-------|-----------------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------------|
|       |                             |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |                   |
| 100   | Small Fab - 1               | 1 pcs | 3/15/19    |          | 0.00      | 0.00    | Small Fab - 1         |           | MLC               |
|       |                             |       |            |          |           |         | Small Fab - 2         |           |                   |
|       |                             |       |            |          |           |         | Small Fab - 3         |           |                   |
|       |                             |       |            |          |           |         | Small Fab - 4         |           |                   |
|       |                             |       |            |          |           |         | Small Fab - 5         |           |                   |
|       |                             |       |            |          |           |         | Small Fab - 6         |           |                   |
|       |                             |       |            |          |           |         | Small Fab - 7         |           |                   |
| 110   | Small Fab - 2 - B4B         | 1 pcs | 3/15/19    |          | 0.00      | 1.00    | Small Fab - 1 - B4B   |           | MLC               |
|       |                             |       |            |          |           |         | Small Fab - 2 - B4B   |           |                   |
|       |                             |       |            |          |           |         | Small Fab - 3 - B4B   |           |                   |
|       |                             |       |            |          |           |         | Small Fab - 4 - B4B   |           |                   |
|       |                             |       |            |          |           |         | Small Fab - 5 - B4B   |           |                   |
|       |                             |       |            |          |           |         | Small Fab - 6 - B4B   |           |                   |
| 120   | QC 4                        | 1 pcs | 3/15/19    |          | 0.00      | 0.00    | Small Fab - 7 - B4B   |           | Sh                |
|       |                             |       |            |          |           |         | QC 4 - 26             |           |                   |
|       |                             |       |            |          |           |         | QC 4 - 28             |           |                   |
|       |                             |       |            |          |           |         | QC 4 - 38             |           |                   |
|       |                             |       |            |          |           |         | QC 4 - 42             |           |                   |
|       |                             |       |            |          |           |         | QC 4 - 58             |           |                   |
|       |                             |       |            |          |           |         | QC 4 - 6              |           |                   |
|       |                             |       |            |          |           |         | QC 4 - 69             |           |                   |
|       |                             |       |            |          |           |         | QC 4 - 9              |           |                   |
| 130   | Packaging 3-1 - Stock - B4B | 1 pcs | 3/15/19    |          | 0.00      | 0.00    | QC 4 - 46             |           | DAS<br>28<br>9-89 |
|       |                             |       |            |          |           |         | Packaging 3 - 1 - B4B |           |                   |
|       |                             |       |            |          |           |         | Packaging 3 - 2 - B4B |           |                   |
|       |                             |       |            |          |           |         | Packaging 3 - 3 - B4B |           |                   |
|       |                             |       |            |          |           |         | Packaging 3 - 4 - B4B |           |                   |
|       |                             |       |            |          |           |         | Packaging 3 - 5 - B4B |           |                   |
|       |                             |       |            |          |           |         | Packaging 3 - 6 - B4B |           |                   |
|       |                             |       |            |          |           |         | Packaging 3 - 7 - B4B |           |                   |
|       |                             |       |            |          |           |         | Packaging 3 - 8 - B4B |           |                   |



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**Container No:** S154622



**Part:** RBW5605G00132-3G

**Job No:** 190230

**Serial No/Batch:** S154622

**Revision:** 2

**Inspector:**

**Exp Date:**

**Instructions:**

Date: 02/19/19

Plex 2/19/19 9:37 AM Dart.Hadley.Shannon

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         |                        |                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------|---------|------------------------|-----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 9 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 10 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 11 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 12 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 13 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 14 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 15 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 16 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 17 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 18 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 19 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 20 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 21 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 22 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 23 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 24 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 25 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 26 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 27 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 28 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 29 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 30 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 31 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 32 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 33 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 34 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 35 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         | Packaging 3 - 36 - B4B |                 |
| 140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | QC 21 - FG | 1 pcs | 3/15/19 | 0.00 0.00              | QC 21 - FG - 21 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         |                        | QC 21 - FG - 70 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |       |         |                        | QC 21 - SA - 53 |
| <p>Part Op <b>100</b> - Small Fab) 1-Engrave placard RB41011 using marktronic engraver 2-Transfer drill Dart placard RB41011 into Pelican case APP-1170-E 3-Deburr holes and remove chips from case. 4-Rivet Dart placard to Pelican case 5-Glue placard RBW5605G00132-3G-5 to RBW5605G00132-3G-3 foam as per DWG. 6-Glue foams to case and pack case as per DWG</p> <p><b>110</b> - (Small Fab) 1-Engrave placard RB41011 using marktronic engraver 2-Transfer drill Dart placard RB41011 into Pelican case APP-1170-E 3-Deburr holes and remove chips from case. 4-Rivet Dart placard to Pelican case 5-Glue placard RBW5605G00132-3G-5 to RBW5605G00132-3G-3 foam as per DWG. 6-Glue foams to case and pack case as per DWG.</p> <p><b>120</b> - (QC4- 100% Inspect kits for completeness)</p> <p><b>130</b> - (Identify as per dwg &amp; Stock Location:_____)</p> <p><b>140</b> - (QC21- Final Inspection - Work Order Release)</p> |            |       |         |                        |                 |

## Job BOM

| Part / Item        | Component Name                     | Quantity     | Operation               | Container |
|--------------------|------------------------------------|--------------|-------------------------|-----------|
| APP-1170-E         | Case                               | 1 Ea (1 ea)  | 100-Small Fab - 1       |           |
| 97524A032          | Sealing Blind Rivet                | 4 Ea (4 ea)  | 110-Small Fab - 2 - B4B |           |
| RB41011            | Dart Tooling Placard, Aluminum     | 1 Ea (1 ea)  | 110-Small Fab - 2 - B4B |           |
| RBW5605G00132-3G-1 | Bottom Foam use in case APP-1170-E | 1 Ea (1 ea)  | 110-Small Fab - 2 - B4B |           |
| RBW5605G00132-3G-3 | Top Foam use in case APP-1170-E    | 1 Ea (1 ea)  | 110-Small Fab - 2 - B4B |           |
| RBW5605G00132-3G-5 | Placard                            | 1 pcs (1 ea) | 110-Small Fab - 2 - B4B |           |
| RBW5605G00251-3G   | Tool, Seal Installation            | 1 pcs (1 ea) | 110-Small Fab - 2 - B4B |           |
| RBW5605G00351-3G   | Tool, Filler Installation          | 1 pcs (1 ea) | 110-Small Fab - 2 - B4B |           |
| RBW5605G00551-3G   | Tool, Filler Installation          | 1 pcs (1 ea) | 110-Small Fab - 2 - B4B |           |

### Job Allocations

| Operation         | Component Part | Required | Inventory | Allocated |
|-------------------|----------------|----------|-----------|-----------|
| 100-Small Fab - 1 | APP-1170-E     | 1        | 2         | 1         |

#### Allocated Container Detail

| Qty | Container No | Location | Init  |
|-----|--------------|----------|-------|
| 1   | S134956      | ga062f   | _____ |

|                         |           |   |     |   |
|-------------------------|-----------|---|-----|---|
| 110-Small Fab - 2 - B4B | 97524A032 | 4 | 486 | 4 |
|-------------------------|-----------|---|-----|---|

#### Allocated Container Detail

| Qty | Container No | Location | Init  |
|-----|--------------|----------|-------|
| 4   | S153980      | ga040    | _____ |

|         |   |     |   |
|---------|---|-----|---|
| RB41011 | 1 | 421 | 1 |
|---------|---|-----|---|

#### Allocated Container Detail

| Qty | Container No | Location | Init  |
|-----|--------------|----------|-------|
| 1   | S153983      | ga140e   | _____ |

|                    |   |   |   |
|--------------------|---|---|---|
| RBW5605G00132-3G-1 | 1 | 1 | 1 |
|--------------------|---|---|---|

#### Allocated Container Detail

| Qty | Container No | Location | Init  |
|-----|--------------|----------|-------|
| 1   | S134958      | ga060f   | _____ |

|                    |   |   |   |
|--------------------|---|---|---|
| RBW5605G00132-3G-3 | 1 | 1 | 1 |
|--------------------|---|---|---|

#### Allocated Container Detail

| Qty | Container No | Location | Init  |
|-----|--------------|----------|-------|
| 1   | S134957      | ga060f   | _____ |

|                    |   |   |   |
|--------------------|---|---|---|
| RBW5605G00132-3G-5 | 1 | 3 | 0 |
|--------------------|---|---|---|

|                  |   |   |   |
|------------------|---|---|---|
| RBW5605G00251-3G | 1 | 1 | 1 |
|------------------|---|---|---|

#### Allocated Container Detail

| Qty | Container No | Location | Init  |
|-----|--------------|----------|-------|
| 1   | S074613      | ga094    | _____ |

|                  |   |   |   |
|------------------|---|---|---|
| RBW5605G00351-3G | 1 | 1 | 1 |
|------------------|---|---|---|

#### Allocated Container Detail

| Qty | Container No | Location | Init  |
|-----|--------------|----------|-------|
| 1   | S073927      | ga094    | _____ |

|                  |   |   |   |
|------------------|---|---|---|
| RBW5605G00551-3G | 1 | 1 | 1 |
|------------------|---|---|---|

#### Allocated Container Detail

| Qty | Container No | Location | Init  |
|-----|--------------|----------|-------|
| 1   | S074117      | ga094    | _____ |

### Part Specifications

Specifications could not be found.

Plex 2/19/19 9:37 AM Dart.Hadley.Shannon





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**RBW5605G00132-3G**

**Job Sheet 190230**



**Part No:** RBW5605G00132-3G

**Job Qty:** 1 pcs

**Part Name:** Tool, Windows Installation



**Part Weight:** 0 lbs

**Status:** New

**Priority:** Medium

**Job Created:** 2/6/19

**Job Tracking No:** SIOP

**Due Date:** 3/15/19

**Created By:** Dara Macdonald

**Type:** Stock

**Description:**

**Note:** DWG RBW5605G00132-3G Rev 2 IPP Rev A 18.03.23 New issue DP Verify DD

**Ship Via:**

### Bill of Materials

### Job Routing

| Op No | Operation                   | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier    |           | Sign-off |
|-------|-----------------------------|-------|------------|----------|-----------|---------|------------------------|-----------|----------|
|       |                             |       |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier  | Lead Time |          |
| 110   | Small Fab - 1               | 1 pcs | 3/15/19    |          | 0.00      | 1.00    | Small Fab - 1          |           |          |
|       |                             |       |            |          |           |         | Small Fab - 2          |           |          |
|       |                             |       |            |          |           |         | Small Fab - 3          |           |          |
|       |                             |       |            |          |           |         | Small Fab - 4          |           |          |
|       |                             |       |            |          |           |         | Small Fab - 5          |           |          |
|       |                             |       |            |          |           |         | Small Fab - 6          |           |          |
|       |                             |       |            |          |           |         | Small Fab - 7          |           |          |
| 120   | QC 4                        | 1 pcs | 3/15/19    |          | 0.00      | 0.00    | QC 4 - 26              |           |          |
|       |                             |       |            |          |           |         | QC 4 - 28              |           |          |
|       |                             |       |            |          |           |         | QC 4 - 38              |           |          |
|       |                             |       |            |          |           |         | QC 4 - 42              |           |          |
|       |                             |       |            |          |           |         | QC 4 - 58              |           |          |
|       |                             |       |            |          |           |         | QC 4 - 6               |           |          |
|       |                             |       |            |          |           |         | QC 4 - 69              |           |          |
|       |                             |       |            |          |           |         | QC 4 - 9               |           |          |
|       |                             |       |            |          |           |         | QC 4 - 46              |           |          |
| 130   | Packaging 3-1 - Stock - B4B | 1 pcs | 3/15/19    |          | 0.00      | 0.00    | Packaging 3 - 1 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 2 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 3 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 4 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 5 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 6 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 7 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 8 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 9 - B4B  |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 10 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 11 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 12 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 13 - B4B |           |          |
|       |                             |       |            |          |           |         | Packaging 3 - 14 - B4B |           |          |

EXTERNAL  
LOAD - 2

|     |            |       |         |                        |                 |
|-----|------------|-------|---------|------------------------|-----------------|
|     |            |       |         | Packaging 3 - 15 - B4B |                 |
|     |            |       |         | Packaging 3 - 16 - B4B |                 |
|     |            |       |         | Packaging 3 - 17 - B4B |                 |
|     |            |       |         | Packaging 3 - 18 - B4B |                 |
|     |            |       |         | Packaging 3 - 19 - B4B |                 |
|     |            |       |         | Packaging 3 - 20 - B4B |                 |
|     |            |       |         | Packaging 3 - 21 - B4B |                 |
|     |            |       |         | Packaging 3 - 22 - B4B |                 |
|     |            |       |         | Packaging 3 - 23 - B4B |                 |
|     |            |       |         | Packaging 3 - 24 - B4B |                 |
|     |            |       |         | Packaging 3 - 25 - B4B |                 |
|     |            |       |         | Packaging 3 - 26 - B4B |                 |
|     |            |       |         | Packaging 3 - 27 - B4B |                 |
|     |            |       |         | Packaging 3 - 28 - B4B |                 |
|     |            |       |         | Packaging 3 - 29 - B4B |                 |
|     |            |       |         | Packaging 3 - 30 - B4B |                 |
|     |            |       |         | Packaging 3 - 31 - B4B |                 |
|     |            |       |         | Packaging 3 - 32 - B4B |                 |
|     |            |       |         | Packaging 3 - 33 - B4B |                 |
|     |            |       |         | Packaging 3 - 34 - B4B |                 |
|     |            |       |         | Packaging 3 - 35 - B4B |                 |
|     |            |       |         | Packaging 3 - 36 - B4B |                 |
| 140 | QC 21 - FG | 1 pcs | 3/15/19 | 0.00 0.00              | QC 21 - FG - 21 |
|     |            |       |         |                        | QC 21 - FG - 70 |
|     |            |       |         |                        | QC 21 - SA - 53 |

Part Op 110 - (Small Fab) 1-Engrave placard RB41011 using marktronic engraver 2-Transfer drill Dart placard RB41011 into  
 Descriptions: Pelican case APP-1170-E 3-Deburr holes and remove chips from case. 4-Rivet Dart placard to Pelican case 5-Glue  
 placard RBW5605G00132-3G-5 to RBW5605G00132-3G-3 foam as per DWG. 6-Glue foams to case and pack case as  
 per DWG.

120 - (QC4- 100% Inspect kits for completeness)

130 - (Identify as per dwg & Stock Location:\_\_\_\_\_)

140 - (QC21- Final Inspection - Work Order Release)

#### Job BOM

| Part / Item        | Component Name                     | Quantity     | Operation         | Container |
|--------------------|------------------------------------|--------------|-------------------|-----------|
| 97524A032          | Sealing Blind Rivet                | 4 Ea (4 ea)  | 110-Small Fab - 1 | 3145165   |
| APP-1170-E         | Case                               | 1 Ea (1 ea)  | 110-Small Fab - 1 | 5092335   |
| RB41011            | Dart Tooling Placard, Aluminum     | 1 Ea (1 ea)  | 110-Small Fab - 1 | 5010767   |
| RBW5605G00132-3G-1 | Bottom Foam use in case APP-1170-E | 1 Ea (1 ea)  | 110-Small Fab - 1 | 5134958   |
| RBW5605G00132-3G-3 | Top Foam use in case APP-1170-E    | 1 Ea (1 ea)  | 110-Small Fab - 1 | 5134957   |
| RBW5605G00132-3G-5 | Placard                            | 1 pcs (1 ea) | 110-Small Fab - 1 | 354411    |
| RBW5605G00251-3G   | Tool, Seal Installation            | 1 pcs (1 ea) | 110-Small Fab - 1 | 5074613   |
| RBW5605G00351-3G   | Tool, Filler Installation          | 1 pcs (1 ea) | 110-Small Fab - 1 | 5073927   |
| RBW5605G00551-3G   | Tool, Filler Installation          | 1 pcs (1 ea) | 110-Small Fab - 1 | 5074117   |

#### Job Allocations

| Operation         | Component Part     | Required | Inventory | Allocated |
|-------------------|--------------------|----------|-----------|-----------|
| 110-Small Fab - 1 | 97524A032          | 4        | 526       | 0         |
|                   | APP-1170-E         | 1        | 2         | 0         |
|                   | RB41011            | 1        | 425       | 0         |
|                   | RBW5605G00132-3G-1 | 1        | 1         | 0         |
|                   | RBW5605G00132-3G-3 | 1        | 1         | 0         |
|                   | RBW5605G00132-3G-5 | 1        | 0         | 0         |
|                   | RBW5605G00251-3G   | 1        | 1         | 0         |
|                   | RBW5605G00351-3G   | 1        | 1         | 0         |
|                   | RBW5605G00551-3G   | 1        | 1         | 0         |

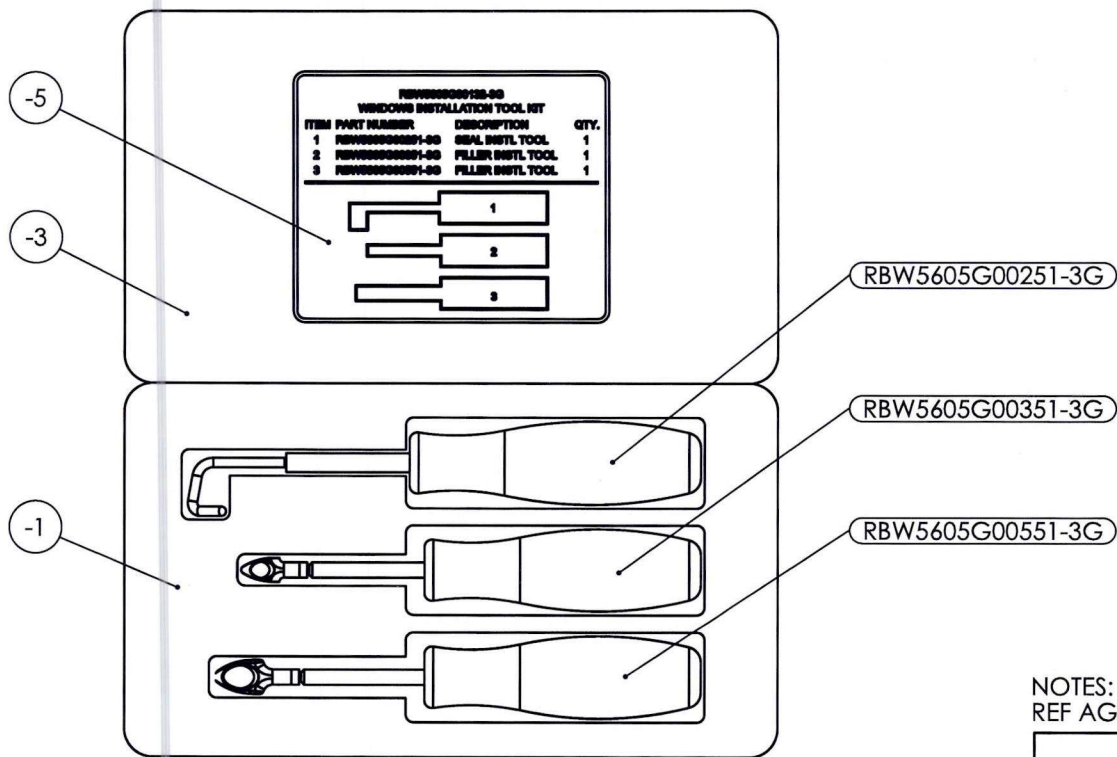
|                                    |
|------------------------------------|
| <b>Part Specifications</b>         |
| Specifications could not be found. |

*Plex 2/6/19 8:54 AM Dart.Macdonald.Dara*



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| REVISIONS |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |            |         |          |
|-----------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|----------|
| REV       | ECR     | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                          | DATE       | INITIAL | APPROVED |
| 1         |         | RELEASED FOR PRODUCTION                                                                                                                                                                                                                                                                                                                                                                                                                              | 4/21/2016  | SM      | JAG      |
| 2         | 16-0159 | -1 CH'D DIM WAS .89 IS .93, WAS 1.15 IS 1.38, WAS 1.61 IS 1.86, WAS 1.67 IS 1.71, WAS 6X 4.52 IS 6X 4.57, WAS 3X 8.95 IS 3X 9.41, WAS .63 IS .57, WAS 1.98 IS 2.03, WAS 2.38 IS 2.32, WAS 3.73 IS 3.78, WAS 4.13 IS 4.06, WAS 5.48 IS 5.54; REMOVED DIM 4X R.33; ADDED DIM 4X .34 X 45°; CH'D MATERIAL WAS Y-20, BLACK IS ETHOFOAM 220, BLACK. -3 REMOVED DIM 4X R.33; ADDED DIM 4X .34 X 45°; CH'D MATERIAL WAS Y-20, BLACK IS ETHOFOAM 220, BLACK. | 10/11/2016 | SM      | JAG      |



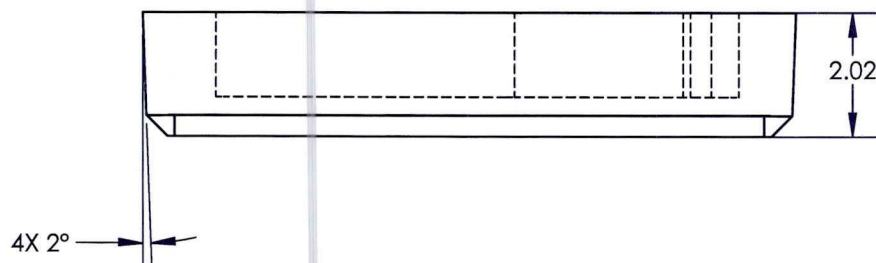
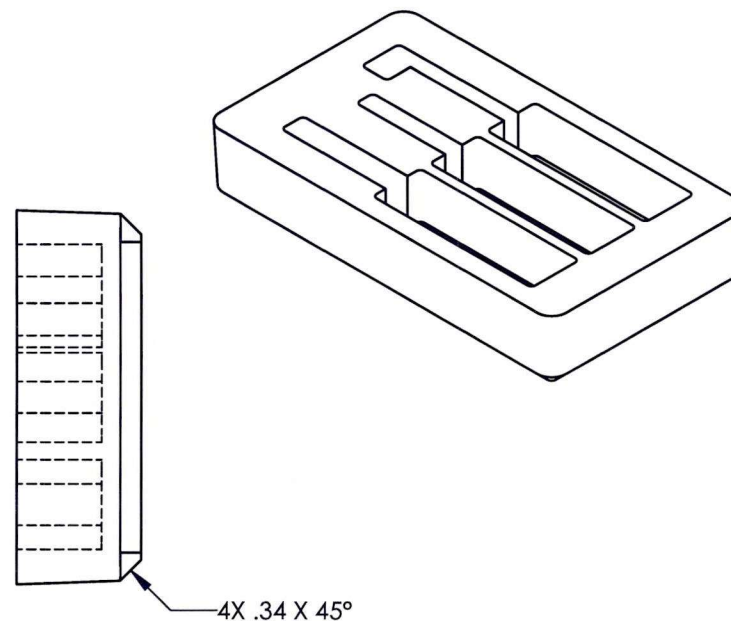
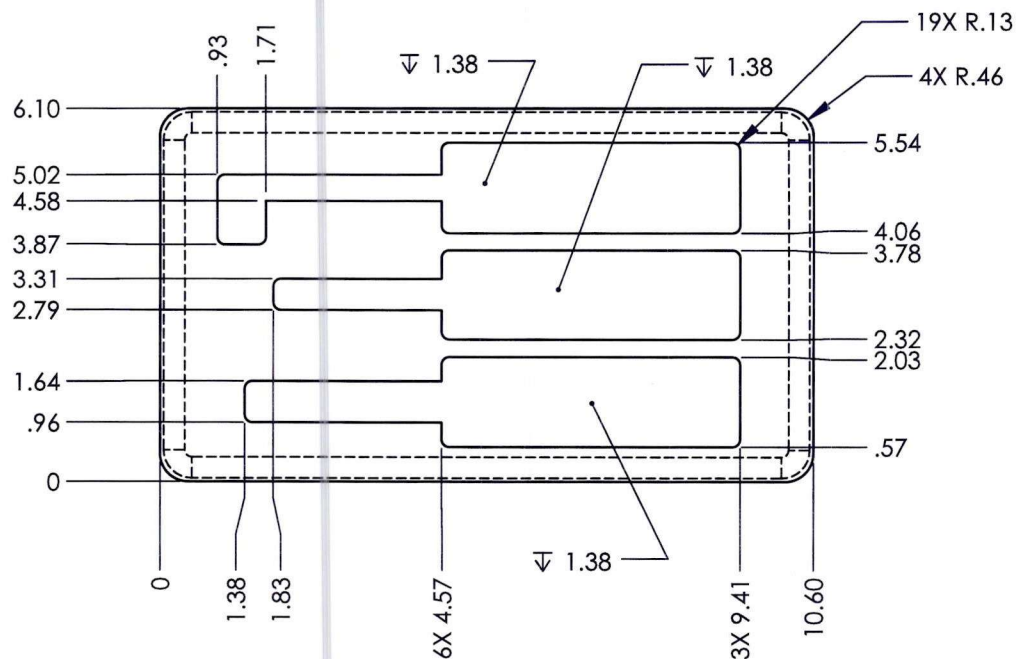
NOTES:  
REF AGUSTA T/N: 3G5605G00132.

| TITLE<br>WINDOWS INSTALLATION TOOL KIT                       |           |                                                                                                                                                     |           |
|--------------------------------------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| DWG NO.<br>RBW5605G00132-3G                                  |           |                                                                                                                                                     | REV<br>2  |
| <b>MAT'L</b><br><b>TREAT</b><br><b>FINISH</b><br><b>SPEC</b> |           | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES<br>.XXX ± .005 FRACTIONS ± 1/8<br>.XX ± .01 ANGLES ± 5°<br>.X ± .1 SURFACES = 125/✓          |           |
| <b>DRAWN BY:</b>                                             | MACKOVJAK | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R<br>2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING<br>3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009 |           |
| <b>CHECKED:</b>                                              | DUERFELDT |                                                                                                                                                     |           |
| <b>OPPS APPR:</b>                                            | ANDERSON  |                                                                                                                                                     |           |
| <b>QA APPR:</b>                                              | LINDSAY   | USED ON MODEL                                                                                                                                       |           |
| <b>APPROVED:</b>                                             | GILBERT   | AGUSTA AW139                                                                                                                                        |           |
| <b>SCALE</b>                                                 | 1:3       | <b>DATE</b>                                                                                                                                         | 4/19/2016 |
|                                                              |           | SHEET 1 OF 4                                                                                                                                        |           |

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description       | Material            | B/O INFORMATION OR SPECIFICATIONS    | PG. |
|----------|----------|-----|--------|----------|-------------------|---------------------|--------------------------------------|-----|
|          |          | B/O | -1     | 1        | FOAM, BOTTOM      | ETHAFOAM 220, BLACK | 10.60 X 6.10 X 2.02 (CASE SOLUTIONS) | 2   |
|          |          | B/O | -3     | 1        | FOAM, TOP         | ETHAFOAM 220, BLACK | 10.60 X 6.10 X 1.02 (CASE SOLUTIONS) | 3   |
|          |          |     | -5     | 1        | PLACARD           | PLASTIC             |                                      | 4   |
|          |          | B/O | -7     | 1        | CASE              | PLASTIC             | PELICAN #APP-1170-E                  | N/S |
|          |          |     |        | 1        | SEAL INSTL TOOL   |                     | RBW5605G00251-3G                     | 1   |
|          |          |     |        | 1        | FILLER INSTL TOOL |                     | RBW5605G00351-3G                     | 1   |
|          |          |     |        | 1        | FILLER INSTL TOOL |                     | RBW5605G00551-3G                     | 1   |
|          |          | B/O |        | 1        | DART PLACARD      | ALUMINUM            | RB41011                              | N/S |

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| REVISIONS |         |                                                                                                                                                                                                                                                                                                                                                |  |  |            |         |          |
|-----------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------------|---------|----------|
| REV       | ECR     | DESCRIPTION                                                                                                                                                                                                                                                                                                                                    |  |  | DATE       | INITIAL | APPROVED |
| 2         | 16-0159 | -1 CH'D DIM WAS .89 IS .93, WAS 1.15 IS 1.38, WAS 1.61 IS 1.86, WAS 1.67 IS 1.71, WAS 6X 4.52 IS 6X 4.57, WAS 3X 8.95 IS 3X 9.41, WAS .63 IS .57, WAS 1.98 IS 2.03, WAS 2.38 IS 2.32, WAS 3.73 IS 3.78, WAS 4.13 IS 4.06, WAS 5.48 IS 5.54; REMOVED DIM 4X R.33; ADDED DIM 4X .34 X 45°; CH'D MATERIAL WAS Y-20, BLACK IS ETHOFOAM 220, BLACK. |  |  | 10/11/2016 | SM      | JAG      |



(-1)

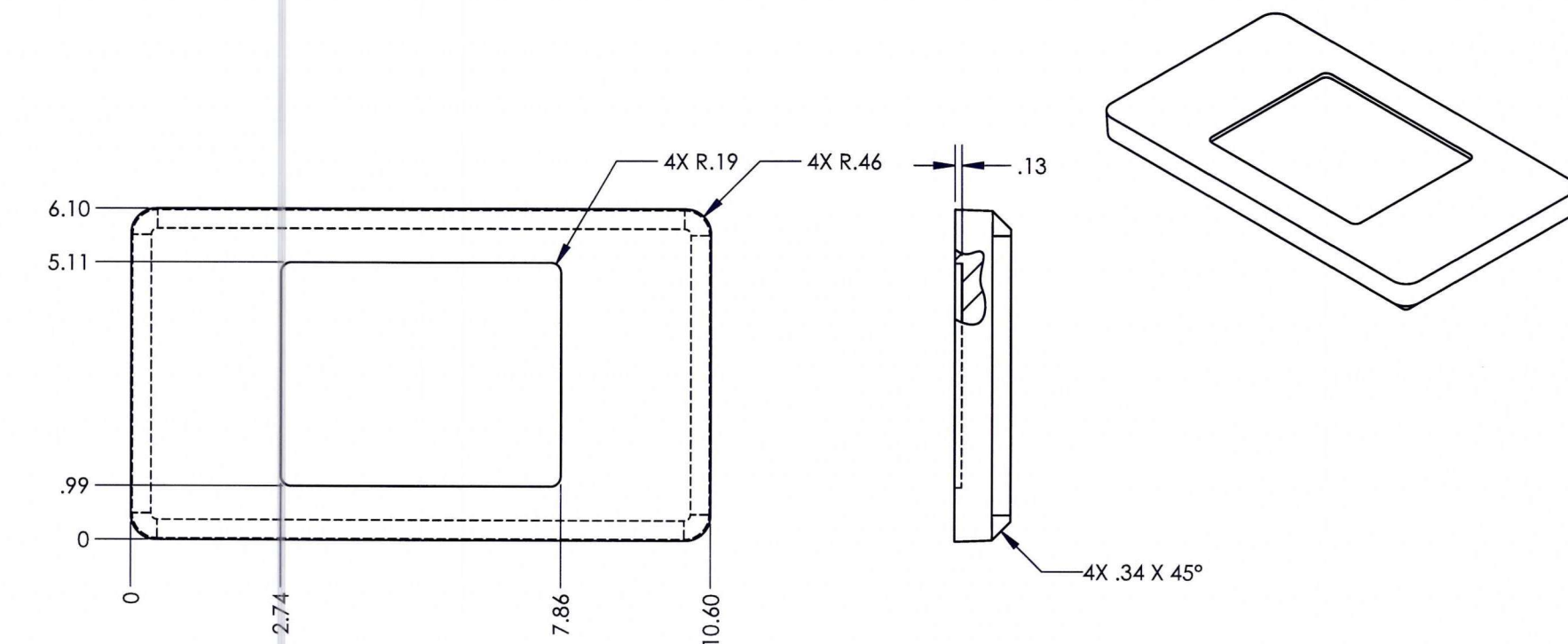
FOAM, BOTTOM

|                                               |                                                        |
|-----------------------------------------------|--------------------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                     |                                                        |
| TITLE<br><b>WINDOWS INSTALLATION TOOL KIT</b> |                                                        |
| DWG NO.<br><b>RBW5605G00132-3G-1</b>          | REV<br><b>2</b>                                        |
| MAT'L<br><b>ETHAFOAM 220, BLACK</b>           | UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES |
| FEAT<br><b>TREAT</b>                          | .XXX ± .010 FRACTIONS ± 1/8                            |
| FINISH<br><b>FINISH</b>                       | .XX ± .03 ANGLES ± 1°                                  |
| SPEC<br><b>SPEC</b>                           | .X ± .1 SURFACES = 125/√                               |
| DRAWN BY:<br><b>MACKOVJAK</b>                 | 1. BREAK ALL SHARP EDGES<br>.015 x 45° OR .015R        |
| CHECKED:<br><b>DUERFELDT</b>                  | 2. DIMENSIONAL LIMITS APPLY<br>AFTER PLATING           |
| OPPS APPR:<br><b>ANDERSON</b>                 | 3. INTERPRET DIM AND TOL PER<br>ASME Y14.5M-2009       |
| QA APPR:<br><b>LINDSAY</b>                    | USED ON MODEL                                          |
| APPROVED:<br><b>GILBERT</b>                   | <b>AGUSTA AW139</b>                                    |
| SCALE<br><b>1:3</b>                           | DATE<br><b>4/19/2016</b>                               |
| SHEET 2 OF 4                                  |                                                        |



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| REVISIONS |         |                                                                                                       |            |         |          |
|-----------|---------|-------------------------------------------------------------------------------------------------------|------------|---------|----------|
| REV       | ECR     | DESCRIPTION                                                                                           | DATE       | INITIAL | APPROVED |
| 2         | 16-0159 | -3 REMOVED DIM 4X R.33; ADDED DIM 4X .34 X 45°; CH'D MATERIAL WAS Y-20, BLACK IS ETHOFOAM 220, BLACK. | 10/11/2016 | SM      | JAG      |



(-3)  
FOAM, TOP

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| <b>DART<br/>AEROSPACE</b>                              |                                               |
| TITLE<br><b>WINDOWS INSTALLATION TOOL KIT</b>          |                                               |
| DWG NO.<br><b>RBW5605G00132-3G-3</b>                   | REV<br><b>2</b>                               |
| MAT'L ETHAFOAM 220, BLACK                              |                                               |
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES |                                               |
| HEAT TREAT                                             | .XXX ± .010 FRACTIONS ± 1/8                   |
| FINISH                                                 | .XX ± .03 ANGLES ±1°                          |
| SPEC                                                   | X ± .1 SURFACES = 125/                        |
| DRAWN BY: MACKOVJAK                                    | 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R  |
| CHECKED: DUERFELDT                                     | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING     |
| OPPS APPR: ANDERSON                                    | 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 |
| QA APPR: LINDSAY                                       | USED ON MODEL                                 |
| APPROVED: GILBERT                                      | AGUSTA AW139                                  |
| SCALE 1:3                                              | DATE 4/19/2016 SHEET 3 OF 4                   |

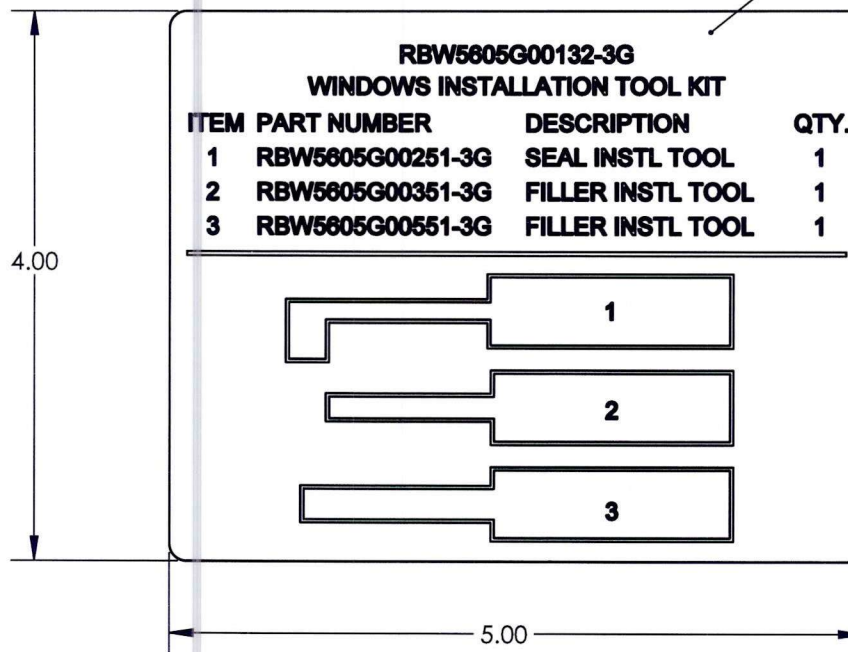
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| REVISIONS |     |             |  |  |      |         |          |
|-----------|-----|-------------|--|--|------|---------|----------|
| REV       | ECR | DESCRIPTION |  |  | DATE | INITIAL | APPROVED |

WHITE TEXT AND LINES ON BLACK BACKGROUND

4X R.13

.06



NOTES:  
1. USE PDF.

|                                               |                              |
|-----------------------------------------------|------------------------------|
| <b>DART<br/>AEROSPACE</b>                     |                              |
| TITLE<br><b>WINDOWS INSTALLATION TOOL KIT</b> |                              |
| DWG NO.<br><b>RBW5605G00132-3G-5</b>          | REV<br><b>2</b>              |
| MAT'L PLASTIC                                 | UNLESS OTHERWISE SPECIFIED   |
| TREAT                                         | DIMENSIONS ARE IN INCHES     |
| FINISH                                        | .XXX ± .010 FRACTIONS ± 1/8  |
| SPEC                                          | .XX ± .03 ANGLES ± 1°        |
|                                               | .X ± .1 SURFACES = 125/      |
| DRAWN BY: MACKOVJAK                           | 1. BREAK ALL SHARP EDGES     |
| CHECKED: DUERFELDT                            | .015 x 45° OR .015R          |
| OPPS APPR: ANDERSON                           | 2. DIMENSIONAL LIMITS APPLY  |
| QA APPR: LINDSAY                              | AFTER PLATING                |
| APPROVED: GILBERT                             | 3. INTERPRET DIM AND TOL PER |
|                                               | ASME Y14.5M-2009             |
|                                               | USED ON MODEL                |
|                                               | AGUSTA AW139                 |
| SCALE 3:4                                     | DATE 4/19/2016 SHEET 4 OF 4  |

(-5)

PLACARD

Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                      |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | QC / QA Coordinator    |  |
| <b>Root Cause</b><br><br><div style="display: flex;"> <div style="flex: 1;">           Operator <input type="checkbox"/><br/>           Manufacturing Process <input type="checkbox"/><br/>           Equip/Tooling <input type="checkbox"/><br/>           Handling/Preservation <input type="checkbox"/><br/>           Material <input type="checkbox"/><br/>           Product Improvement <input type="checkbox"/><br/>           Process Improvement <input type="checkbox"/><br/>           Human Factors <input type="checkbox"/> </div> <div style="flex: 1;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex;"> <div style="flex: 1;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="flex: 1;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="flex: 1;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |